

Please type a plus sign (+) inside this box



PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

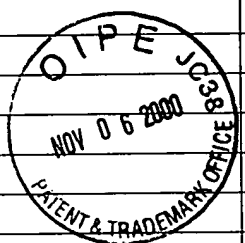
Sheet 1

of 1

Application Number 09/598,631
Filing Date June 21, 2000
First Named Inventor Robert D. Maher, et al.
Examiner Name Not available
Group Art Unit 2785
Attorney Docket Number NR-2

#4
#2
AE

U.S. PATENT DOCUMENTS					
*EXAMINER INITIALS	Cite No.	U.S. Patent Document Number Kind Code ²	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
S.L.	AA	5813001	Bennett	09/22/1998	
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				



RECEIVED
NOV - 8 2000
TC 2100 MAIL ROOM

FOREIGN PATENT DOCUMENTS					
*EXAMINER INITIALS	Cite No.	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	AA				
	AB				
	AC				
	AD				
	AE				
	AF				
	AG				
	AH				
	AI				

EXAMINER

Samuel F. Fennell

DATE CONSIDERED

07/20/04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Please type a plus sign (+) inside this box

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box

+

PTO/SB/08B (10-96)

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Application Number 09/591728 #4
Filing Date June 12, 2000 #2
First Named Inventor Robert D. Maher, et al. AG
Examiner Name Not available
Group Art Unit 2731
Attorney Docket Number NR-1

Sheet

(use as many sheets as necessary)

of 1

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
S.L	AA	"The Challenge For Next Generation Network Processor" Agere Inc.: September 10, 1999	
	AB	"Fast Pattern Processor Application Note - ATM AA" Agere Inc.: June 28, 1999, Revision 0.4	
	AC	"Network Processors" <i>Electronic Engineering Times: The Fearless Group LTD</i> May 8, 2000: 3-30	
	AD	"Smartbox: An Add-On Solution For Guaranteed QOS" <i>USENIX: Yenter, Bulent</i> March 20, 2000	
	AE	"An Overview of QoS" <i>Microsoft TechNet</i>	
	AF	"Implementing an Intelligent Service Gateway Architecture" <i>Redback Networks</i>	
	AG	"Considerations for Large Scale IP Subscriber and Service Management" <i>Redback Networks</i>	
	AH	"Enabling Multiple Broadband Access Technologies and Services" <i>Redback Networks</i>	
	AI	"Digital Island's Quality of Service (QoS): Delivering QoS With Digital Island's Distributed-Star Architecture" <i>Cisco Systems, Inc.</i>	
	AJ	"IP Service Intelligence At The Edge "Enabling Value-Added Services Over DSL"" <i>Copper Mountain Networks, Inc. Spring Tide Networks, Inc.</i> April 2000	
	AK	"Automated Service Provisioning and Management "Enabling the Rapid Deployment of IP Services" <i>Ennovate Networks</i>	
	AL	"IP Service Creation Architecture "Prerequisite to Service Provider Profitability"" <i>Ennovate Networks</i>	
	AM	"Advanced QoS Services for the Intelligent Internet" <i>Cisco Systems, Inc.</i>	

EXAMINER

Samuel Ferreira

DATE CONSIDERED

07/21/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231